

Receiving Report

Date:

12/9/24

Batch No:

1M123137

Supplier:

thyosenh

Dart P/O:

17928

Packing Slip:

Yes

No

Invoice:

Yes

No

Receipt:

Cash

Cr

Release Note Attached:

Yes

No

Waybill Attached:

Yes

No

Shipment Complete:

Yes

No

QC6 Inspection

Yes

No

Work Order

02685

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M606176-205						

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date

Received/Costing

Initial

Location

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

All amounts are calculated in domestic currency.

Item Types

Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
2012 SJ02	480.0000	\$3.53 \$1,696.75	0.0000 0.0000	0 0	\$1,696.75
2012 SJ02	100.0000	\$1.16 \$115.65	0.0000 0.0000	0 0	\$115.65

Total Received Quantity: 580.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$1,812.40
 Total Balance Due Quantity: 0.0000

B I L L O F L A D I N G

No: PEC 786619

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 21Sep12 at 12:30 From PFW
Probill
Via TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp TRINA VINCE (905-532-1365)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-490867- 1 Your PO # 17928
Part # Rel # CHANTAL

ALUMINUM FLAT BAR 6061-T6511
..250" x 2.00" X 240.0000"

Heat Number
HK036 620

Tag No
106800

Quantity
100 FT

PCS
5

Wt LBS
61

Tags
1

PCS
5

LBS
61

TOTAL:

Heat Number
HK036 620

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL G.W. 71 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
***** TEL. 800-926-2600 *****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 786619

Ship From:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Ship Date 21Sep12 at 12:30 From PFW

Probill

Via TRANSFER

FOB CONCORD

Frt PREPAID

Route 0- 0 Manifest

Vhcle Trailer

Slp TRINA VINCE (905-532-1365)

Sold To: (20115)

DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

* * * ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY * * *

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.250" x 2.00" X 240.0000"
PART NO.

PO/Rel 17928

/CHANTAL

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-786619-001

21Sep12

Signed by: _____

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-241039-4		CUSTOMER PART NUMBER: V831142		PRODUCT DESCRIPTION: SCRB .250 X 2.000	
KAISER ORDER NUMBER: 625470	LINE ITEM: 004	SHIP DATE: 08/21/2012	KAISER LOT NUMBER: HK036 620	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 2164.000 LB	QUANTITY: 184.000 PCS	B/L NUMBER: 604220	DIAM/DAF/THKNS: 20.000 FT	WIDTH:	LENGTH:
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK036 620	0C01	0001	49.1	44.6	14.7	RE 95	N/A	N/A
HK036 620	0C01	0002	49.1	44.8	13.7	RE 94	N/A	N/A
HK036 620	0C01	0003	49.7	44.1	14.7	RE 95	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A33047	.72	.28	.25	.08	.90	.09	.02	.01	.00	.00	.00	.00	.01

Applicable Requirements:

ASTM-B221-12 STENCILED ASME-SR221 1998 SECT II AMS-QQ-A-200/8 (2007) UNS#A96061
(T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Lutting, Quality & Technology Manager

Calvin Lutting

Plant Serial: 00056534
Kaiser Order Number: 625470
Line Item: 004

28

B I L L O F L A D I N G

No: PEC 786607

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 21Sep12 at 12:23 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frts PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp TRINA VINCE (905-532-1365)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

252

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-490884- 1 Your PO # 17928
Part #

Rel # CHANTAL

ALUMINUM SHEET 6061 T6

.0320 Nom X 48.0000" X 144.0000"

Heat Number 597506A5 Tag No 106947

Quantity 480.00 SFT PCS 10 Wt LBS 217

TOTAL: Tags 1 PCS 10 LBS 217

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID G.W. 342 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

12/19/24

Page: 1 Last

1 crate N.G.

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

12/19/24

SHIP TO:

COPPER & BRASS SALES
905 CARLOW DRIVE
UNIT D
BOLINGBROOK, IL 60490

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

CERTIFIED TEST REPORT

SOLD TO:

COPPER & BRASS SALES
ATTN: ACCOUNTS PAYABLE
P.O. Box 5116
SOUTHFIELD, MI 48086

Serial Number

4271171

CUSTOMER PO NUMBER: 5400137418		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01643		SHIP RUN/LOAD: 102381/8	GOVT CONTRACT NUMBER:	
KAISER ORDER NO: 1133911	LINE ITEM: 1	SHIP DATE: 31-JUL-2012	ALLOY: 6061	CLAD: BARE	TEMPER: T6	PRODUCT DESCRIPTION: HT Flat Sheet	
WEIGHT SHIPPED: 8199 LB	QUANTITY: 374 PCS EST.	TRUCK B/L #: 2038165	GUAGE: 0.0320 IN (0.8128 MM)		DIAMETER/WDTH: 48.000 IN (1219.2 MM)	LENGTH: 144.000 IN (3657.6 MM)	

MHU 1598055: LOT 597229A4: 24 pieces;
MHU 1600032: LOT 597506A5: 175 pieces;
MHU 1600035: LOT 597506A5: 175 pieces;

Certified Specifications

AMS 4027/RevN

ASME SB 209/Rev2004

ASTM B 209/Rev10

Test Code: 1511

Test Results

Lot: 597229A4 Cast 862

Drop 22

Ingot 3

Melted in USA

(ASTM B8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	47.0 : 47.4 (324 : 327)	39.4 : 40.5 (272 : 279)	13.3 : 14.0

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.73	0.6	0.31	0.07	1.0	0.18	0.09	0.02	0.02	0.00	TOT 0.04

Sizlocks

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402066602

Part: PO: PEC# 242120

Wgt: 216.761 LB

Date: 09/18/2012

James K. Baber



Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4271171

Lot: 597506A5 Cast 867 Drop 20 Ingot 2 Melted in: USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	44.7 : 45.5 (308 : 314)	39.0 : 39.6 (269 : 273)	11.5 : 12.5

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.68	0.5	0.31	0.08	1.0	0.19	0.17	0.03	0.01	0.00	TOT 0.04

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061												
MIN(wt%)	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

TEST NOTES

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

Page 2 of 2

From: Copper and Brass Sales

Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402066602

Part: PO: PEC# 242120

Wgt: 216.761 LB

Date: 09/18/2012



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17928

Purchase Order Date 9/18/12

PO Print Date 9/18/12

Page Number 1 of 1

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Net 30

Terms

Currency

CAD

FOB

Destination-Collect

123137

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
09/12/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6S.032	6061-T6 Sheet 0.032"	9/24/12 Yes	320.00 sf	Yours ppd	\$3.4844	\$1,115.00
		Special Inst:	MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209				
2	M6061T6B0.250X02.000	6061-T6 Bar .250 X 2.00	9/24/12 Yes	100.00 f	Yours ppd	\$1.1400	\$114.00
		Special Inst:	MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221				

MATERIAL CERTIFICATION
REQUIRED DELIVERY

PO Total:

\$1,229.00

Change Nbr: 1

Change Date: 9/18/12

No substitution or deviation without consent.
Certificate of Conformity or Material
Certification required YES NO